

RAMCRO - DATA & CONTROL Cable

For standard applications, flame retardant

Code: SSC02050207HEAXX-T-RB

Application

Multi-Conductor - Multimedia Control Cable

Construction

1x2x22AWG + 2x18AWG

		Unit	Nominal Value
Formation	1 Pairs		
Section	22 AWG		
Conductor	Tinned Copper Wire, 7 Strand	mm	0,7
Insulation	Foam Polyethylene - FPE	mm	2,0
Colour Code	Blue, White		
Collective Screen	Aluminium / PET tape over tinned copper drain wire		
Formation	2 Cores		
Section	18AWG		
Conductor	Tinned Copper Wire, 7 Strand	mm	1,1
Insulation	Cross Linked Polyethylene - XLPE	mm	1,8
Colour Code	Red, Black		
Collective Screen	Unshielded		
Inner Sheath	N.A.		
Armour	N.A.		
Outer Sheath	Thermoplastic Low Smoke, Halogen Free - LSZH - Black	mm	6,2
Cable Printing	RAMCRO ITALY - R11502SB MEDIA CONTROL CABLE 1PR 22AWG SHIELDED +2C 18AWG - LSZH 300V 75 C IEC 60332-1/UL 1581 SSC02050207HEAXX-T-RB--"PROD.WEEK/22" + BATCH + METER MARKING		

Technical Data & Standard References

Fire Propagation:	TURQUOIS RAL 5018	Construction Reference Standard:	
- Test on single cable	IEC 60332-1	Type of Cable:	Control Cable
- Test on bunched cables	IEC 60332-3	Low Voltage Directive	2014/35/UE
Limiting Oxygen Index (LOI)		Other References:	
Smoke Density			
Amount of halogen acid gas	(min 30%)		
Acidity (ph value) and conductivity	IEC 61034		
Notes	IEC 60754-1 (max 15%) IEC 60754-2		

Electrical & Mechanical Data

Conductor Cross-section	Nom.	22 AWG	Temperature Range:		
DC Resistance per core at 20° C	max	Ω/km	70,7		
Conductor Cross-section	Nom.	18 AWG	Fixed Installation	° C	-30° C up to +80° C
DC Resistance per core at 20° C	max	Ω/km	23,8	Insulation Operation	° C -30° C up to +90° C
Insulation Resistance at 20° C	min	MΩ*km	1000	Min. Bending Radius	mm 8 x cable diameter
Mutual Capacitance	max	nF/km	150		
Inductance	max	mH/km	1		
Test Voltage - Core/Core	V	2000			
Test Voltage - Core/Screen	V	2000			
L/R Ratio	max	μH/Ω	25		
Operating Voltage	V	300			

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